

INTERNATIONAL SEARCH REPORT

In International Application No
PCT/IB2004/050422

| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06T3/00 G06T15/20 G06T15/50 | | |
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| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06T | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| P, X | BARENBRUG B: "Pixel shading and forward texture mapping" VISION, MODELING AND VISUALIZATION 2003, 19 November 2003 (2003-11-19), XP002287911 MUNICH chapters 3.1, 3.2.23.2.5 figures 3-6 | 1-6 |
| A | MEINDS K ET AL: "REsample Hardware for 3D Graphics" 2002, EUROGRAPHICS WORKSHOP ON GRAPHICS HARDWARE, XX, XX, PAGE(S) 17-27 , XP002259239 cited in the application abstract chapters 2.2, 5 figure 3 | 1-6 |
| -/-- | | |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family | | |
| Date of the actual completion of the international search 9 July 2004 | | Date of mailing of the international search report 22/07/2004 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Engels, A |

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | CATMULL E ET AL: "3-D TRANSFORMATIONS OF IMAGES IN SCANLINE ORDER" COMPUTER GRAPHICS, NEW YORK, NY, US, vol. 14, no. 3, 1 July 1980 (1980-07-01), pages 279-285, XP000562336 ISSN: 0097-8930 cited in the application abstract chapters "The 2-pass technique", "Bottleneck", "Shading" ----- | 1-6 |
| A | WOLBERG G: "Digital Image Warping" 1990, IEEE COMPUTER SOCIETY PRESS, LOS ALAMITOS, CALIFORNIA, USA, XP002287912 cited in the application page 187 - page 260 chapters 7.4.1, 7.6.3, 7.7 ----- | 1-6 |
| A | WOLBERG G ET AL: "Separable image warping with spatial lookup tables" COMPUTER GRAPHICS, NEW YORK, NY, US, vol. 23, no. 3, July 1989 (1989-07), pages 369-378, XP002265460 ISSN: 0097-8930 cited in the application chapters 1, 2, 3.1, 3.5.5 ----- | 1-6 |